

REMARKSI. Introduction

This amendment is in response to the January 3, 2007 Office Action and follows a December 14, 2006 in person interview summarized below.

Claims 1-44 and 50-74 are pending. Claims 45-49 were canceled without prejudice in response to a previous restriction requirement.

Each of the independent claims has been amended in a manner consistent with the agreement reached during the December 14, 2006 in person interview which it was agreed would overcome the references applied in the current office action. The interview is summarized below. Accordingly, all of the pending claims are now in condition for allowance.

Applicants undersigned representative thanks the Examiner for the courtesy of the December 14, 2006 interview. In view of the current amendment, it is respectfully submitted that the pending claims, are in condition for allowance.

II. Interview Summary

This statement of the substance of the interview summarizes the issues discussed during the December 14, 2006 in person interview. This Interview Summary is presented in the format suggested by the Patent Office.

1. Date of Interview: December 14, 2006
2. Type of Interview: In Person
3. Name of Participants:
Examiner: Stephen H. D. Nguyen
Applicants' Rep: Michael P. Straub
Inventor: Junyi Li

4. Exhibit(s) Shown: None
5. Claims discussed: 1-44 and 50-73

6. References Discussed:
WO 99/41871
US Patent No. 7,010,048
U.S. Patent 5,838,268

7. Proposed Amendments discussed:

Applicants proposed amending the independent claims to indicate that a cyclic prefix circuit is located after the interpolation circuit to prepend a cyclic prefix.

8. Discussion of General Thrust of the Principal Arguments

Applicant's representative argued that the applied references did not teach, disclose or suggest the original recited features in combination with a cyclic prefix circuit, located after the interpolation circuit, to prepend a cyclic prefix and that amending the claims as done herein would patentably distinguish over the applied references.

9. Other Pertinent Matters Discussed: None

10. General Results/Outcome of Interview

The Examiner agreed that amending the claims as done herein would overcome the outstanding rejections but suggested that Applicants wait for the Examiner to submit a new office action prior to submission of the amendment. Applicants agreed to submit the amendment following receipt of the new office action.

III. Conclusion

Claims 1-44 and 50-74 are pending. Each of the independent claims has been amended in a manner that was agreed would overcome the current rejections. Each of the dependent claims is patentable for the same reasons the independent claim from which they depend are patentable. None of the claims are anticipated or rendered obvious by the prior art of record. Accordingly, the application is now in condition for allowance.

If there are any outstanding issues which need to be resolved to place the application in condition for allowance the Examiner is invited to contact Applicants' undersigned representative by phone to discuss and hopefully resolve said issues. To the extent necessary, a petition for extension of time under 37 C.F.R. 1.136 is hereby made and any required fee is authorized to be charged to the deposit account of Straub & Pokotylo, deposit account number 50-1049.

None of the statements or discussion made herein or during the summarized interview are intended to be an

admission that any of the applied references are prior art to the present application and Applicants preserve the right to establish that one or more of the applied references are not prior art.

Respectfully submitted,

January 16, 2007

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CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper (and any accompanying paper(s)) is being facsimile transmitted to the United States Patent Office on the date shown below.

Michael P. Straub

Type or print name of person signing certification

Michael P. Straub
Signature

January 16, 2007

Date